

#4



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 065691-0270

Applicant: Gilles PITIOT et al.

Title: ODORANT-BINDING HUMAN PROTEINS FIXING HYDROPHOBIC
LIGANDS: POLYPEPTIDES AND POLYNUCLEOTIDES CODING
FOR SAID POLYPEPTIDES AND USES THEREOF

Appl. No.: 10/049,372

Filing Date: 02/12/2002

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

May 13, 2002
Date

for / Phillip J. Artiola
Stephen B. Macbius
Attorney for Applicant
Registration No. 35,264

Reg. No.
38,819

FOLEY & LARDNER
Customer Number: 22428



22428

PATENT TRADEMARK OFFICE

Telephone: (202) 672-5569
Facsimile: (202) 672-5399

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 13, 2002 <i>(use as many sheets as necessary)</i> Sheet <u>1</u> of <u>1</u>	Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/049,372</td> </tr> <tr> <td>Filing Date</td> <td>02/12/2002</td> </tr> <tr> <td>First Named Inventor</td> <td>Gilles PITIOT et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>065691-0270</td> </tr> </table>	Application Number	10/049,372	Filing Date	02/12/2002	First Named Inventor	Gilles PITIOT et al.	Group Art Unit	Unassigned	Examiner Name	Unassigned	Attorney Docket Number	065691-0270
Application Number	10/049,372												
Filing Date	02/12/2002												
First Named Inventor	Gilles PITIOT et al.												
Group Art Unit	Unassigned												
Examiner Name	Unassigned												
Attorney Docket Number	065691-0270												

<div style="display: flex; justify-content: space-between;"> MAY 13 2002 U.S. PATENT DOCUMENTS </div>						
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Kind Code ² (if known)				

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	EP	0 335 654			10/04/1989		
	A2	WO	98/54206			12/03/1998		
	A3	WO	98/59049			12/30/1998		
	A4	WO	99/07740			02/18/1999		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A5	"National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index," Human, November 30, 1998, 1 Sheet, XP-002136047.	
	A6	"National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index," Human, November 5, 1998, 1 Sheet, XP-002136048.	
	A7	LOBEL et al., "Subtypes of Odorant-Binding Proteins Heterologous Expression and Ligand Binding," Eur. J. Biochem., Vol. 254, FEBS, 1998, pp. 318-324, XP-000891882.	
	A8	FLOWER, "Multiple Molecular Recognition Properties of the Lipocalin Protein Family," Journal of Molecular Recognition, Vol. 8, John Wiley & Sons, Ltd., 1995, pp. 185-195, XP-002095125.	
	A9	LACAZETTE et al., "A Novel Human Odorant-Binding Protein Gene Family Resulting From Genomic Duplicons at 9q35: Differential Expression in the Oral and Genital Spheres," Human Molecular Genetics, Vol. 9, No. 2, Oxford University Press, 2000, pp. 289-301, XP-002135298.	
	A10	FLOWER, "The Review Protein Family: Structure and Function," Biochem. J., Vol. 318, Printed in Great Britain, 1996, pp. 1-14, XP-002095126.	
	A11	MAKELA-BENGIS et al., "Assignment of the Disease Locus for Lethal Congenital Contracture Syndrome to a Restricted Region of Chromosome 9q35, by Genome Scan Using Five Affected Individuals," Am. J. Hum. Genet., Vol. 63, 1998, pp. 506-516, XP-002159515.	

Examiner Signature _____	Date Considered _____
--------------------------	-----------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.